

CLEAN VERSION OF AMENDED CLAIMS:

1. (3X Amended) Electric motor including a stator and a rotor which defines a rotor axis and includes at least a stack of laminations layered by sheets and provided with slots for receiving rotor windings, wherein at an end face of the at least one stack of laminations, there is provided at least one rotor end sheet which abuts laterally in radial direction the stack of laminations and is made of high-strength fine-grain structural steel, wherein the rotor end sheet matches, at least in proximity of the rotor axis, a shape of the sheets layered in the stack of laminations.
6. (Twice Amended) An electric motor, comprising:
 - a stator; and
 - a rotor defined by a rotor axis and having a stack of laminations which is layered by sheets, said stack of laminations having opposite end faces, and two rotor end sheets, one of the rotor end sheets provided on one of the end faces of the stack of laminations, and the other one of the rotor end sheets provided on the other one of the end faces of the stack of laminations, each of said rotor end sheets abutting laterally in radial direction the stack of laminations and being made of high-strength fine-grain structural steel, wherein each of the rotor end sheets matches, at least in proximity of the rotor axis, a shape of the sheets layered in the stack of laminations.